

What we claim and desire to secure by Letters Patent is:

1. A method for developing a product (110) that has at least one activation area (308) which is provided with a position code (403) that codes at least one position on an imaginary surface (601), which position causes a device (710) that detects the position code (403) to initiate an operation that utilizes the position recorded by the device (710), characterized by the step of

producing a digital representation of at least part of the product, which digital representation comprises image points, each image point in the digital representation of the activation area (308) corresponding to a position on the imaginary surface (601).

2. A method according to claim 1, which also comprises the steps of

marking at least one image point,  
converting the image point into a position on the imaginary surface (601), and

initiating the operation by use of the position on the imaginary surface (601).

3. A method according to claim 1 or 2, which also comprises the steps of

entering a digital template (201) with a digital representation of at least one activation area (308) with a position code, and

selecting at least part of the template (201) to generate the digital representation (301) of the product.

4. A method according to claim 3, wherein the template also comprises a digital representation of a writing surface (203) with a position code, which digital representation comprises image points, each image point of the digital representation of the writing surface (203) corresponding to a position on the imaginary surface (601).

5. A method according to claim 4, which also comprises the step of associating an operation with a part of the writing surface (303).

6. A method according to claim 3, 4 or 5, wherein the template also comprises a digital representation of a character-interpretation field (A) with a position code, each image point of the digital representation of the character-interpretation field (A) corresponding to a position on the imaginary surface (601).

7. A method according to any one of claims 1-6, wherein the method also comprises the steps of showing the digital representation (301) of at least part of the product on a display (111), with several pixels, each pixel being allocated one or more image points or each image point being allocated one or more pixels,

when a pixel on the display (111) is marked, converting this into corresponding image points and converting each image point into a position on the imaginary surface (601), and

initiating the operation by use of the position on the imaginary surface (601).

8. A method according to any one of the preceding claims, which also comprises the step of defining and connecting an operation to at least one of said at least one activation area (308) in the digital representation (301) of the product.

9. A method according to any one of the preceding claims, which also comprises the step of producing a physical product corresponding to the digital representation (301) of the product.

10. A method according to claim 9, which also comprises the steps of

testing the physical products by means of the device and the digital representation of the product.

11. A method according to claim 10, wherein the step of testing comprises the steps of

recording an image of a predetermined part of the product,

converting the recorded image into a position, and comparing the recorded position with the position in the corresponding position in the digital representation of the product.

12. A method according to claim 10 or 11, wherein the step of testing comprises the steps of recording an image of the product, and determining a size, form, density and/or contrast of points in the image; and/or distance between the points and/or virtual raster points, in relation to which raster the points in the image are aligned, in order to determine a quality of the pattern.

13. A method according to claim 9, 10, 11 or 12, wherein the physical product is made using a laser printer.

14. A method according to claim 9, 10, 11, 12 or 13, wherein the physical product is made by printing.

15. A method for developing a service connected to a product that has at least one activation area (308) which is provided with a position code that codes at least one position on an imaginary surface (601), which position causes a device that detects the position code to initiate an operation that utilizes the position recorded by the device, characterized by the step of producing a digital representation (301) of at least part of the product, which representation comprises image points, each image point in the digital representation of the activation area corresponding to a position on the imaginary surface (601).

16. A memory medium on which is stored a computer program for developing a product (110) which has at least one activation area which is provided with a position code that codes at least one position on an imaginary surface (601), which position causes a device (710) that detects the position code to initiate a predetermined operation that utilizes the position recorded by the

device, characterized in that, when it is executed on a computer, the program causes the computer to produce a digital representation (301) of at least part of the product, which representation comprises image points, each image point in the digital representation of the activation area corresponding to a position on the imaginary surface (601).

17. A memory medium according to claim 16, wherein the program is further arranged, in response to an image point in the digital representation (301) being marked, to generate an output signal comprising information about the position on the imaginary surface (601) that corresponds to the marked image point.

18. A memory medium according to claim 16 or 17, the program being further arranged

to enter a digital template (201) with at least one digital representation (301) of a writing surface with a position code and at least one digital representation of an activation area (308) with a position code,

to receive a signal with information about selection of at least part of said at least one writing surface and one of said at least one activation area (308), and

to generate a digital representation of the product using the information signal.

19. A memory medium according to claim 16, 17 or 18, wherein the program is further arranged to receive information for connecting an operation to at least one of said at least one activation area (308).

20. A memory medium on which there is stored a computer program for developing a service for a product (110) that has at least one activation area (308) which is provided with a position code that codes at least one position on an imaginary surface (601), which position causes a device (710) that detects the position code to initiate a predetermined operation which utilizes the position recorded by the device (710), characterized in that, when it is executed on a computer, the program causes the computer

to produce a digital representation (301) of at least part of the product, which representation comprises image points, each image point in the digital representation of the activation area (308) corresponding to a position on the imaginary surface (601).

21. A memory medium according to claim 20, wherein the program is further arranged to receive information for connecting an operation to at least part of the digital representation of the product.

22. A digital template intended for developing a product (110) that has at least one activation area (308) which is provided with a position code (403) that codes at least one position on an imaginary surface (601), which position causes a device (710) that detects the position code (403) to initiate an operation that utilizes the position recorded by the device (710), the template comprising image points, each image point in the digital representation of the activation area (308) corresponding to a position on the imaginary surface (601).

23. A method for developing a product (110) that has at least one activation area (308) which is provided with a position code (403) that codes at least one position of an imaginary surface (601), which position causes a device (710) that detects the position code (403) to initiate an operation that utilizes the position recorded by the device (710), characterized by the steps of

producing a digital representation of at least part of the product, and

generating a physical product by means of the digital representation of the product.

24. A method according to claim 22, which also comprises the step of

testing the physical product by means of the digital representation of the product.

25. A method for developing a product (110) that has at least one activation area (308) which is provided with

a position code (403) which codes at least one position on an imaginary surface (601), which position causes a device (710) that detects the position code (403) to initiate an operation that utilizes the position recorded by the device (710), characterized by the steps of

producing a digital representation of at least part of the product comprising image points, each image point in the digital representation of the activation area (308) corresponding to a position on the imaginary surface (601),

entering a digital template (201) with a digital representation of at least one activation area (308) with a position code, and

selecting at least part of the template (201) to generate the digital representation (301) of the product.

26. A method for developing a product (110) that has at least one activation area (308) which is provided with a position code (403) that codes at least one position on an imaginary surface (601), which position causes a device (710) that detects the position code (403) to initiate an operation that utilizes the position recorded by the device (710), characterized by the step of

testing the product by means of a digital representation of at least part of the product comprising image points, each image point in the digital representation of the activation area (308) corresponding to a position on the imaginary surface (601).

27. A method according to claim 26, wherein the step of testing the product comprises the steps of

recording an image of a predetermined part of the product,

converting the recorded image into a position, and comparing the recorded position with its equivalence in the digital representation of the product.

28. A method according to claim 26, wherein the step of testing the product comprises the steps of

recording an image of a predetermined part of the product, and

determining a size, form, density and/or contrast of points in the image; and/or distance between the points and/or virtual raster points, in relation to which raster the points in the image are aligned, in order to determine a quality of the pattern.

29. A method according to any one of claims 26-28, which also comprises the step of producing the digital representation of at least part of the product.

30. A computer program product comprising a computer program for performing the method of anyone of claim 26-29.